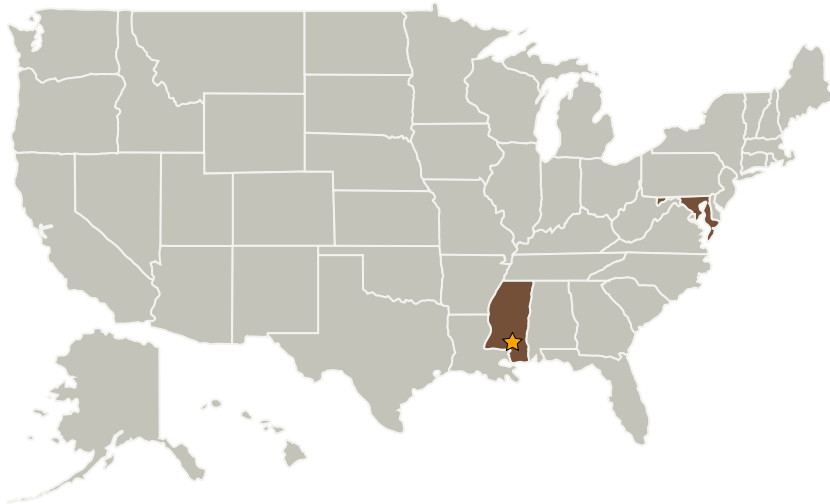# Principal Component Analysis for Feature Extraction from One Dimensional Signals, Phase I

Completed Technology Project (2003 - 2003)

## Primary U.S. Work Locations and Key Partners



| Organizations Performing Work | Role | Type | Location |
|---|---|---|---|
| ⭐Stennis Space Center(SSC) | Lead Organization | NASA Center | Stennis Space Center, Mississippi |
| Intelligent Automation, Inc. | Supporting Organization | Industry | Rockville, Maryland |

| Primary U.S. Work Locations | |
|---|---|
| Maryland | Mississippi |



Principal Component Analysis for Feature Extraction from One Dimensional Signals, Phase I

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## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Stennis Space Center (SSC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Chiman Kwan

## Technology Areas

**Primary:**

- TX05 Communications, Navigation, and Orbital Debris Tracking and Characterization Systems
  └ TX05.1 Optical Communications
    └ TX05.1.7 Innovative Signal Modulations